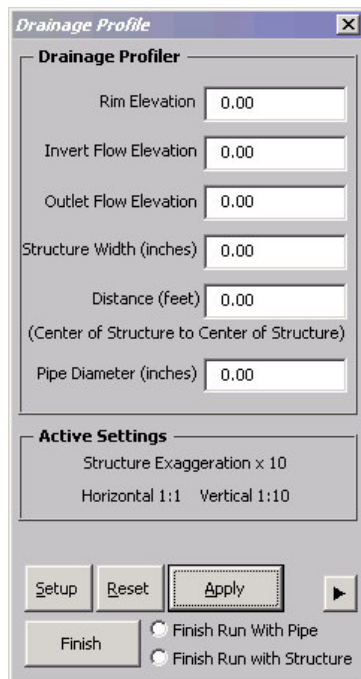


Drainage Profiler



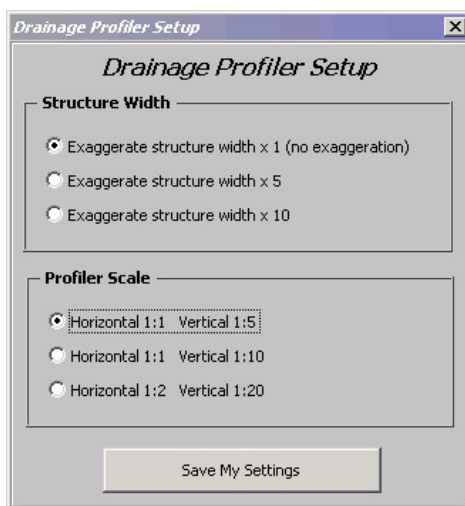
The **Drainage Profiler** dialog box contains the following fields and controls:

- Drainage Profiler** section:
 - Rim Elevation: 0.00
 - Invert Flow Elevation: 0.00
 - Outlet Flow Elevation: 0.00
 - Structure Width (inches): 0.00
 - Distance (feet): 0.00 (Center of Structure to Center of Structure)
 - Pipe Diameter (inches): 0.00
- Active Settings** section:
 - Structure Exaggeration x 10
 - Horizontal 1:1 Vertical 1:10
- Buttons: Setup, Reset, Apply, and a right arrow button.
- Finish button and radio buttons for:
 - ☐ Finish Run With Pipe
 - ☐ Finish Run with Structure

Basic Use

- Data point to start
- For the first structure you will need to enter a Rim Elevation, Outlet Flow Elevation, Structure Width.
- Hit the Apply button
- Remaining Structures you will need to enter all of the data fields.
- Choose to end run with Pipe or Structure
- Hit the Finish button

Setup



The **Drainage Profiler Setup** dialog box contains the following sections and controls:

- Structure Width** section:
 - ☒ Exaggerate structure width x 1 (no exaggeration)
 - ☐ Exaggerate structure width x 5
 - ☐ Exaggerate structure width x 10
- Profiler Scale** section:
 - ☒ Horizontal 1:1 Vertical 1:5
 - ☐ Horizontal 1:1 Vertical 1:10
 - ☐ Horizontal 1:2 Vertical 1:20
- Save My Settings** button

Upon running the utility for the first time in a design file, or when you press the “Setup” button, the “Drainage Profiler Setup” dialog box will run. This allows you to designate what the scale you are working in for your drainage profile, as well as any structure width exaggeration. Structure width exaggeration does not affect the distance between structures.

When done selecting your settings press the “Save My Settings” button. This will save the chosen options, so every time you open that file your settings will be as you left them. These settings are drawing specific and will need to be set up for each design file you use it in.

Reset

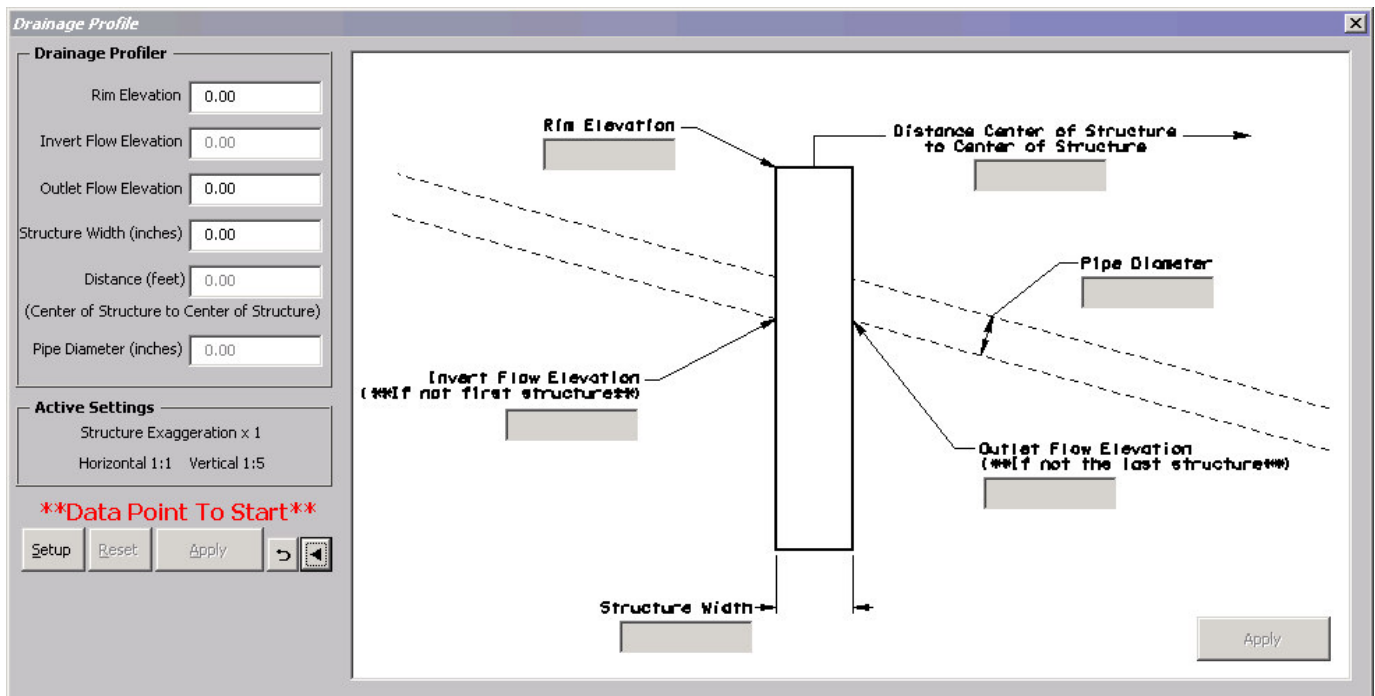


The "Reset" Button will clear all of the data fields, clear the stored points and restart the command.

Fly-Out



Use the Fly-Out Menu if you are uncertain what the input fields mean

The "Drainage Profile" dialog box is shown. It has a title bar with a close button. The left panel contains input fields for "Rim Elevation", "Invert Flow Elevation", "Outlet Flow Elevation", "Structure Width (inches)", "Distance (feet)", and "Pipe Diameter (inches)", all set to 0.00. Below these is an "Active Settings" section with "Structure Exaggeration x 1" and "Horizontal 1:1 Vertical 1:5". At the bottom of the left panel are buttons for "Setup", "Reset", "Apply", and a "Data Point To Start" button. The right panel shows a diagram of a vertical structure with dashed lines indicating elevations and dimensions. Labels with arrows point to "Rim Elevation", "Distance Center of Structure to Center of Structure", "Pipe Diameter", "Invert Flow Elevation (**if not first structure**)", "Outlet Flow Elevation (**if not the last structure**)", and "Structure Width". An "Apply" button is at the bottom right of the diagram area.

Finish



The Finish button reads which ending method you have chosen, either ending in a pipe or structure. It will then reset the command getting ready for the next drainage run.